

Message

From: Baron, Adam [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=563EF058707D4930868C6CF1E0828A43-BARON, ADAM]
Sent: 7/19/2019 4:34:35 PM
To: Duvil, Ricardi [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7b07dbc66afd4b20a424696e8e0deb7-Duvil, Rica]
Subject: FW: Jar testing training at Warm Springs?

Just copying you in case you want to weigh in.



Adam Baron

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From: Folster, Laddie (IHS/POR) <Laddie.Folster@ihs.gov>
Sent: Thursday, July 18, 2019 3:27 PM
To: Baron, Adam <Baron.Adam@epa.gov>
Cc: Chadwick, Benjamin R (IHS/POR) <Benjamin.Chadwick@ihs.gov>
Subject: RE: Jar testing training at Warm Springs?

Adam:

What questions did they have? The procedure is pretty good. I've been after them to practice Jar Tests before they need to fall back to it. They need to be ready to go to Jar Testing by making all the mistakes in practicing. With the SCM operating they do not need to do Jar Tests. Adjusting dosing based on the SCM as needed hourly is more process friendly. I said to Steve and Ronnie that they need to keep the SCM alive or start doing Jar Testing-I repeatedly showed how to perform O&M on the SCM to keep it alive. Water plants are getting away from Jar Testing now days. With the advent of SCM/SCDs and CCAs jar testing equipment and skills are going away. I have a CCA here in my office I use in the field. Modern equipment allows a more accurate and near instantaneous read out of the coagulant charge.

The SCM they have, while working due to my "repairs", is an old unit and needs to be replaced with a new unit that has a PID output. If they purchased a new SCM (from ChemTrac) Ronnie and I can put it in, it's not difficult. The PID output is important because if in the future they go to a fully automatic controls a PID loop will be needed.

You are right, I do need to get down there but my schedule won't allow it until the middle of September. Remember, I am the only TUC right now. I lieu of my instruction there are many YouTube videos that show how to Jar Test. I have strongly recommend that they watch the videos to brush up on skills but I know they haven't.

SCM=Streaming Current Monitor (ChemTrac) is the same as a SCD=Streaming Current Detector (Milton Roy). CCA=Coagulant Charge Analyzer.

Ladd

From: Baron, Adam <Baron.Adam@epa.gov>
Sent: Wednesday, July 17, 2019 10:01 AM
To: Folster, Laddie (IHS/POR) <Laddie.Folster@ihs.gov>
Subject: Jar testing training at Warm Springs?

Ladd –

I met with the operators at Warm Springs last week and went over the Coagulation SOP IHS prepared for them. As you probably know, following that SOP is part of the EPA order requirements, so were pretty focused on it. It's a good document, step by step and all, but they had some questions that I couldn't answer. I wanted to talk those over with you. Also, I think it would be helpful to have someone come on-site and run jar tests with them a couple times with each operator present – I might even try to come down for that. Do you think that's possible? Would it be you or someone else?

Let me know. Thanks.



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